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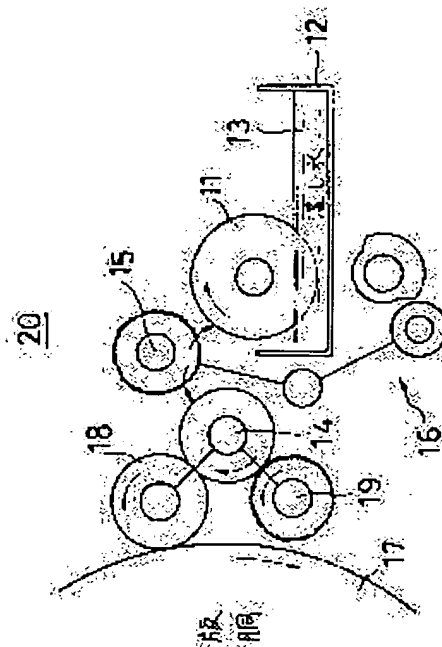
(54) DAMPENING WATER DEVICE

(57)Abstract:

PURPOSE: To prevent generation of a ghost phenomenon or fuzz on printed matter and eliminate generation of defective paper by supplying dampening water to a printing plate by using a specific smooth rubber roll, and at the same time, providing a supply control and storage roll apart from a plate cylinder.

CONSTITUTION: A dampening water device 20 is provided with smooth rubber rolls 11, 14, 18 which supply dampening water 13 to a printing plate, and also with a supply control and storage roll separately from a plate cylinder 17. Therefore, a dampening water quantity is reduced by making a dampening water film uniform, and consequently, glossy and sharp printed matter can be easily obtained. Further, the incidence of ghost

phenomenon occurrences can be significantly reduced, and washing during color change can be performed in a extremely short time. Generation of burrs is completely eliminated because no molten is formed, thus reducing the quantity of defective paper drastically. Besides, no molten replacement is required and subsequently operating efficiency can be increased.



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